

***Remarks***

Reconsideration of this Application is respectfully requested.

Upon entry of the foregoing amendment, claims 1-20 are pending in the application, with claims 1, 6, 8, 9, and 15 being the independent claims. Claims 1, 6, 8, 9, 15, 19, and 20 are sought to be amended.

Based on the above amendment and the following remarks, Applicants respectfully request that the Examiner reconsider all outstanding rejections and that they be withdrawn.

**Rejections Under 35 U.S.C. § 102**

The Examiner, at page 3 of the Office Action, rejected claims 1, 2, 5, 6, 7, 9, 10, 13, 15, 16, and 19 under 35 U.S.C. § 102(e) as being anticipated by U.S. Patent Application Publication No. 2003/0004780 to Smith *et al.* (hereinafter "Smith"). Applicants respectfully traverse these rejections.

***Claims 1, 2, 5, 9, 10, 13, 15, 16, and 19***

Regarding claims 1, 2, 5, 9, 10, 13, 15, 16, and 19, amended independent claim 1 recites (emphasis added):

A system for forecasting weather-based demand, comprising:  
a recombination processor;  
wherein:  
said recombination processor is configured to receive ***directly*** weather metrics data;  
said recombination processor is configured to receive ***directly*** a weather factor relationship knowledgebase, wherein the weather factor relationship knowledgebase is different from the weather metrics data; and  
said recombination processor is configured to produce normalized weather factor metrics data.

Each of independent claims 9 and 15 has been amended in a similar manner.

The Examiner, at pages 15 and 16 of the Office Action, contends that Smith at figure 4 and paragraph [0034]:

recites "The weather module 103 may communicate information from weather information provider 105 to enterprise system 101 using information formatted according to the electronic data interchange (EDI) protocol." And "The data protocol may also require multiple weather information providers 105a, 105b to provide data in a predefined manner to all the weather modules 103a, 103b to integrate the weather information into a form suitable for incorporation into component business processes 113." And further "The information on accuracy may also be translated by weather module 103 into variables relevant to component business processes 113 and communicated via EI layers 109a and 109b to enterprise system 101." Here the weather factor relationship knowledge bases (105a, 105b) provide data whereupon "weather modules 103a, 103b integrate the weather information into a form suitable for incorporation into component business processes 113." convert the information data into the metric data.

In other words, the Examiner contends that the Enterprise System 101 of Smith receives weather metrics data from the Weather Module 103 of Smith and receives a weather factor relationship knowledgebase from the Weather Information Provider 105 of Smith.

While Applicants dispute the Examiner's analogies between Smith and the claimed embodiments of the present patent application, even assuming, *arguendo*, that the Weather Module 103 of Smith does provide weather metrics data and the Weather Information Provider 105 of Smith does provide the weather factor relationship knowledgebase, Applicants respectfully submit that the weather factor relationship knowledgebase provided by the Weather Information Provider 105 of Smith is processed by the Weather Module 103 of Smith to produce the weather metrics data. ***In other words, the Enterprise System 101 of Smith does not receive directly the weather factor relationship knowledgebase provided by the Weather Information Provider 105 of Smith.*** This is different from a processor that

*directly* receives weather metrics data and that *directly* receives a weather factor relationship knowledgebase.

Thus, each of amended independent claims 1, 9, and 15 is not anticipated by Smith. Each of claims 2, 5, 10, 13, 16, and 19 is also not anticipated by Smith because each of these claims depends upon claims 1, 9, or 15 and because of the additional distinctive features of each of claims 2, 5, 6, 7, 10, 13, 16, and 19. Accordingly, Applicants respectfully request that the Examiner reconsider claims 1, 2, 5, 9, 10, 13, 15, 16, and 19, remove the rejections of these claims under 35 U.S.C. § 102(e), and pass these claims to allowance.

***Claims 6 and 7***

Regarding claims 6 and 7, amended independent claim 6 recites (emphasis added):

A system for forecasting weather-based demand, comprising:

***a recombination processor***, wherein said recombination processor is configured to receive weather metrics data, said recombination processor is configured to receive a weather factor relationship knowledgebase, and said recombination processor is configured to produce normalized weather factor metrics data; and

***a volatility scaling processor***;

***wherein:***

***said volatility scaling processor is different from said recombination processor***;

said volatility scaling processor is configured to receive said normalized weather factor metric data;

said volatility scaling processor is configured to receive volatility scale factor data; and

said volatility scaling processor is configured to produce scaled weather factor metric data.

Smith does not disclose, teach, or suggest a system for forecasting weather-based demand comprising a recombination processor and a volatility scaling processor, wherein the volatility scaling processor is different from the recombination processor.

Thus, amended independent claim 6 is not anticipated by Smith. Claim 7 is also not anticipated by Smith because this claim depends upon claim 6 and because of the additional distinctive features of claim 7. Accordingly, Applicants respectfully request that the Examiner reconsider claims 6 and 7, remove the rejections of these claims under 35 U.S.C. § 102(e), and pass these claims to allowance.

**Rejections Under 35 U.S.C. § 103**

The Examiner, at page 10 of the Office Action, rejected claims 3, 4, 8, 11, 12, 14, 17, 18, and 20 under 35 U.S.C. § 103(a) as being unpatentable over Smith in view of U.S. Patent No. 6,473,084 to Phillips *et al.* (hereinafter "Phillips"). Applicants respectfully traverse these rejections.

***Claims 3, 4, 11, 12, 14, 17, 18, and 20***

Each of claims 3, 4, 8, 11, 12, 14, 17, 18, and 20 depends upon claims 1, 9, or 15. As stated above, each of claims 1, 9, and 15 is patentable over Smith because Smith does not disclose, teach or suggest a processor that ***directly*** receives weather metrics data and that ***directly*** receives a weather factor relationship knowledgebase. Phillips does not overcome this deficiency. Therefore, each of claims 1, 9, and 15 is patentable over Smith in view of Phillips. Each of claims 3, 4, 8, 11, 12, 14, 17, 18, and 20 is also patentable over Smith in view of Phillips because each of these claims depends upon claims 1, 9, or 15 and because of the additional distinctive features of each of claims 3, 4, 8, 11, 12, 14, 17, 18, and 20. Applicants respectfully request that the Examiner reconsider claims 3, 4, 8, 11, 12, 14, 17, 18, and 20, remove the rejections of these claims under 35 U.S.C. § 103(a), and pass these claims to allowance.

***Claim 8***

Regarding claim 8, amended independent claim 8 recites (emphasis added):

A system for forecasting weather-based demand, comprising:

***a recombination processor***, wherein said recombination processor is configured to receive weather metrics data, said recombination processor is configured to receive a weather factor relationship knowledgebase, and said recombination processor is configured to produce normalized weather factor metrics data; and

***a deaggregation processor***;

***wherein:***

***said deaggregation processor is different from said recombination processor***;

said deaggregation processor is configured to receive said normalized weather factor metric data;

said deaggregation processor is configured to receive deaggregation data; and

said deaggregation processor is configured to produce deaggregated weather factor metric data.

Smith does not disclose, teach, or suggest a system for forecasting weather-based demand comprising a recombination processor and a deaggregation processor, wherein the deaggregation processor is different from the recombination processor.

Thus, amended independent claim 8 is patentable over Smith in view of Phillips. Accordingly, Applicants respectfully request that the Examiner reconsider claim 8, remove the rejection of this claims under 35 U.S.C. § 103(a), and pass this claim to allowance.

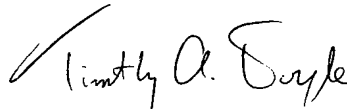
***Conclusion***

All of the stated grounds of rejection have been properly traversed. Applicants therefore respectfully request that the Examiner reconsider all presently outstanding rejections and that they be withdrawn. Applicants believe that a full and complete reply has been made to the outstanding Office Action and, as such, the present application is in condition for allowance. If the Examiner believes, for any reason, that personal communication will expedite prosecution of this application, the Examiner is invited to telephone the undersigned at the number provided.

Prompt and favorable consideration of this Amendment and Reply is respectfully requested.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Timothy A. Doyle  
Attorney for Applicants  
Registration No. 51,262

Date: 12 FEB 09

1100 New York Avenue, N.W.  
Washington, D.C. 20005-3934  
(202) 371-2600

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